

Title (en)

Device for ventilating a medium in at least one fuel cell and a fuel cell system

Title (de)

Vorrichtung zum Beströmen wenigstens einer Brennstoffzelle mit einem Medium sowie Brennstoffzellensystem

Title (fr)

Dispositif pour ventiler un agent dans au moins une pile à combustible et un système de piles à combustible

Publication

EP 1515383 A3 20071114 (DE)

Application

EP 04021360 A 20040908

Priority

DE 10342470 A 20030915

Abstract (en)

[origin: EP1515383A2] Supply for a medium runs into a distributor chamber (DC) (33) to distribute the medium before entering fuel cells (FC). The DC has direct contact with the FC so that the medium can enter the FC via an FC preset area (35). For a particularly even flow, the medium can be directed over the total length of the DC with defined flow characteristics so as to enter the FC in a definite area. An independent claim is also included for a fuel cell system having a fuel cell with supply and discharge for a medium.

IPC 8 full level

H01M 8/04 (2006.01); **H01M 8/02** (2006.01); **H01M 8/24** (2006.01); **F28F 27/02** (2006.01)

CPC (source: EP US)

H01M 8/04014 (2013.01 - EP US); **H01M 8/04029** (2013.01 - EP US); **H01M 8/04089** (2013.01 - EP US); **H01M 8/04119** (2013.01 - EP US); **H01M 8/04201** (2013.01 - EP US); **H01M 8/2457** (2016.02 - US); **H01M 8/2483** (2016.02 - US); **H01M 8/2484** (2016.02 - EP); **F28F 9/026** (2013.01 - EP US); **H01M 2008/1095** (2013.01 - EP US); **Y02E 60/50** (2013.01 - EP); **Y02P 70/50** (2015.11 - EP US)

Citation (search report)

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- [DX] JP 2003036878 A 20030207 - EQUOS RES CO LTD
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Designated contracting state (EPC)

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Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

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DOCDB simple family (application)

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